

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

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Application No.: New U.S. Patent Application

Filed: December 17, 2001

Docket No.: 111473

For: A METHOD FOR INTRODUCING FOREIGN MATTERS INTO LIVING CELLS

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 4-6, 9-10, 14 and 18 as follows:

4. (Amended) The method set forth claim 1, wherein the small particle is a fine particle having a particle diameter of 0.01 μm to 10 μm .
5. (Amended) The method set forth in claim 1, wherein the small particle is a liposome including the foreign matter.
6. (Amended) The method set forth in claim 1, wherein the small particle is a bead fixing the foreign matter.
9. (Amended) The method set forth in claim 1, wherein the laser is at least one laser selected from the group consisting of a YAG laser, an exima laser, an Ar ion laser, a nitrogen laser and a nitrogen-excited color laser.

10. (Amended) The method set forth in claim 1, wherein the foreign matter is at least one material selected from the group consisting of a genetic material, a protein material, an organella, a physiologically active material and an indicating agent.

14. (Amended) The method set forth in claim 12, wherein the foreign matter is at least one material selected from the group consisting of a genetic material, a protein material, an organella, a physiologically active material and an indicating agent.

18. (Amended) A transformed body in which a genetic material is introduced into a living sell by using the method set forth in claim 11.

REMARKS

Claims 1-18 are pending. By this Preliminary Amendment, claims 4-6, 9-10, 14 and 18 are amended to eliminate multiple dependencies. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Respectfully submitted,



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Attachment: Appendix

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APPENDIX

Changes to Claims:

The following are marked-up versions of the amended claims:

4. (Amended) The method set forth claim 1 ~~or~~ 2, wherein the small particle is a fine particle having a particle diameter of 0.01 μm to 10 μm .
5. (Amended) The method set forth in claim 1 ~~or~~ 2, wherein the small particle is a liposome including the foreign matter.
6. (Amended) The method set forth in claim 1 ~~or~~ 2, wherein the small particle is a bead fixing the foreign matter.
9. (Amended) The method set forth in claim 1 ~~or~~ 2, wherein the laser is at least one laser selected from the group consisting of a YAG laser, an exima laser, an Ar ion laser, a nitrogen laser and a nitrogen-excited color laser.
10. (Amended) The method set forth in claim 1 ~~or~~ 2, wherein the foreign matter is at least one material selected from the group consisting of a genetic material, a protein material, an organella, a physiologically active material and an indicating agent.
14. (Amended) The method set forth in claim 12 ~~or~~ 13, wherein the foreign matter is at least one material selected from the group consisting of a genetic material, a protein material, an organella, a physiologically active material and an indicating agent.
18. (Amended) A transformed body in which a genetic material is introduced into a living cell by using the method set forth in claim 11 ~~or~~ 15.